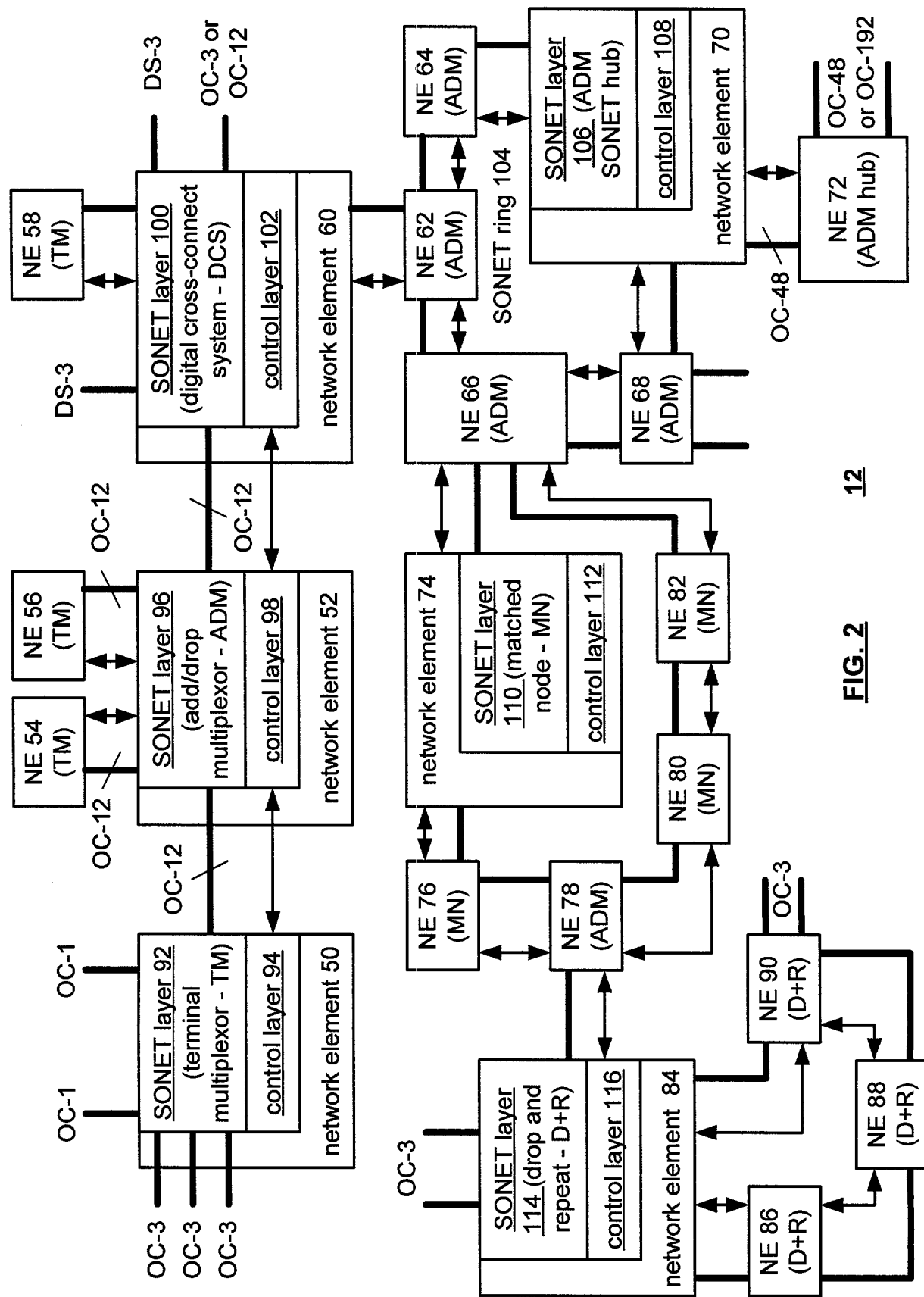


FIG. 1



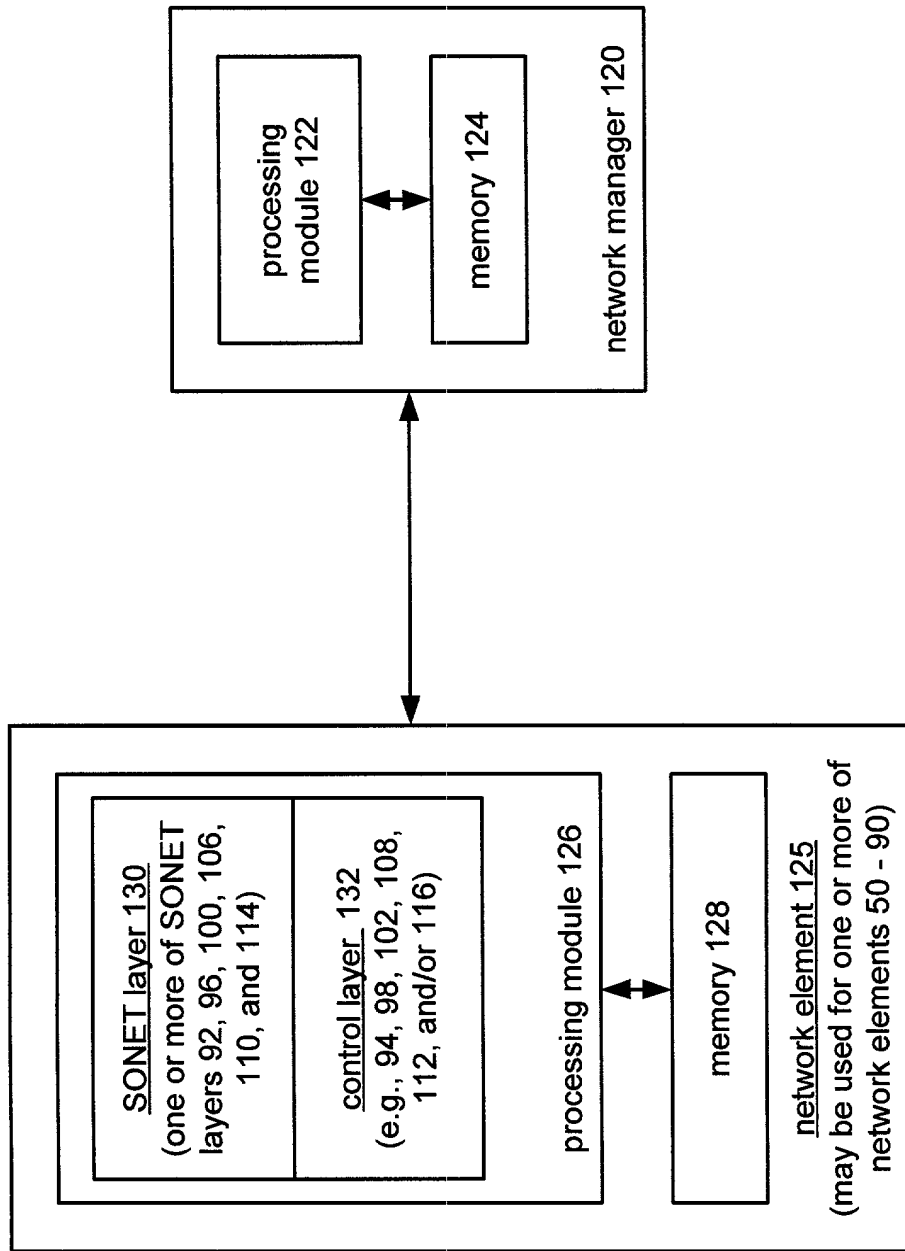


FIG. 3

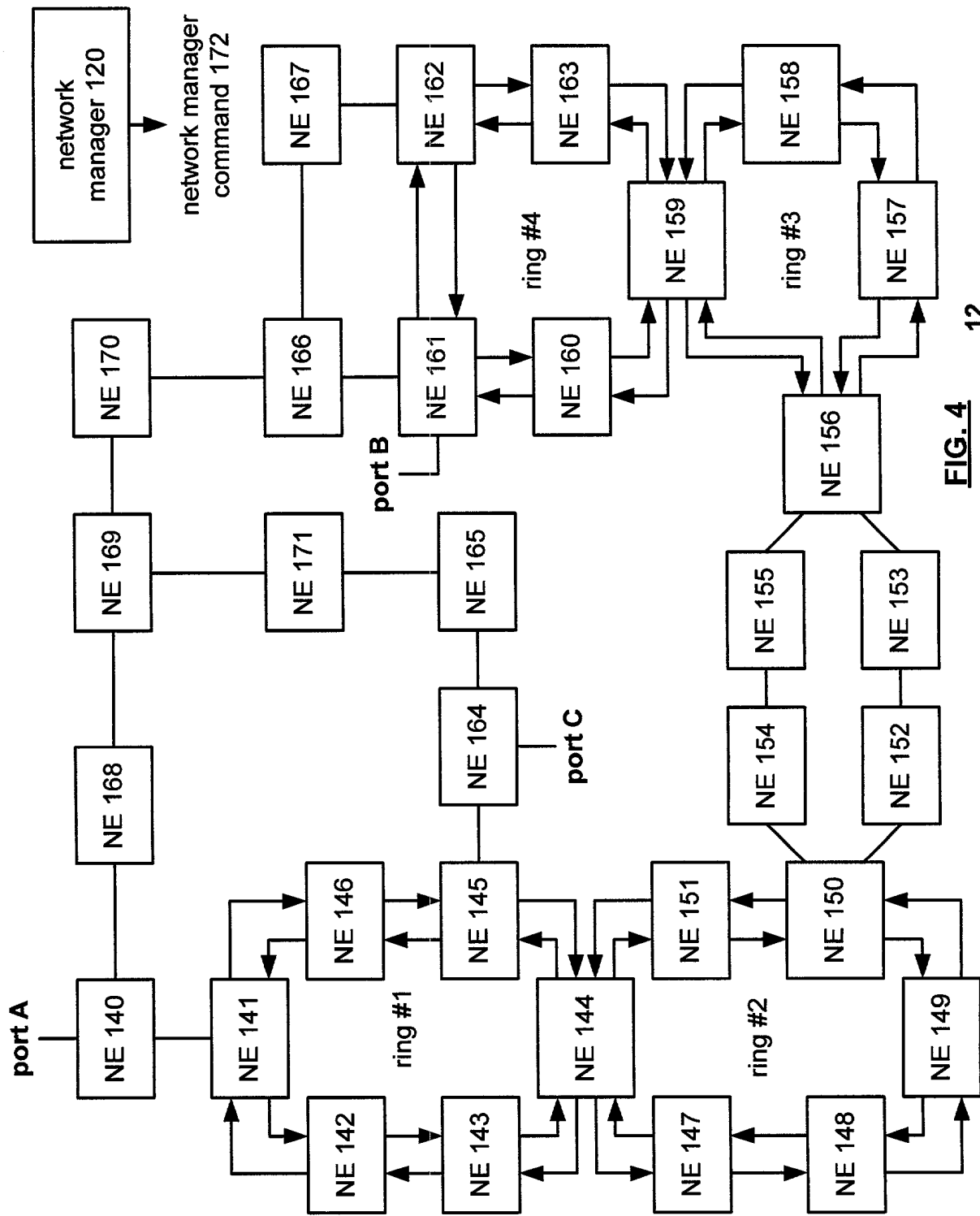


FIG. 4

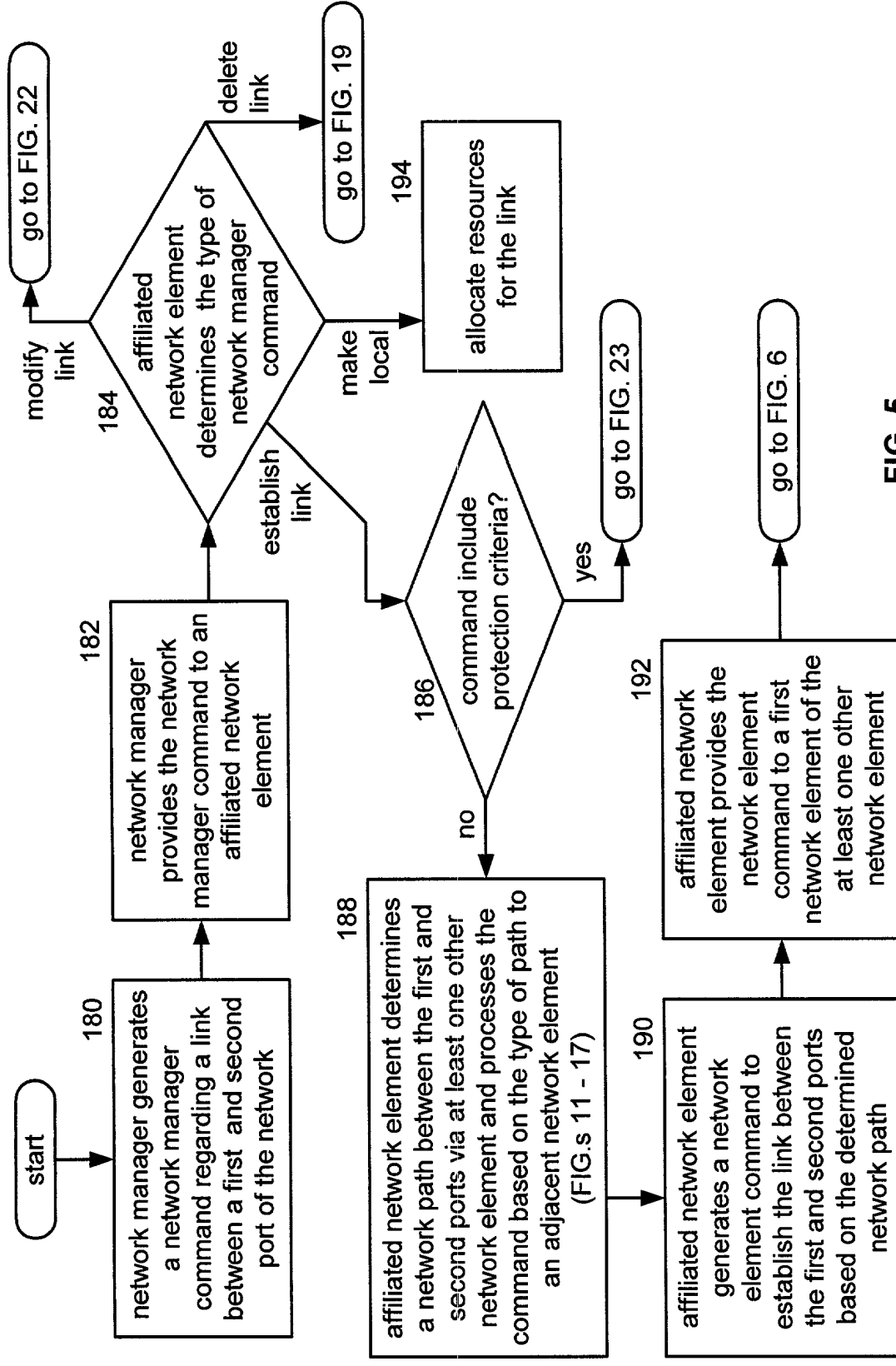


FIG. 5

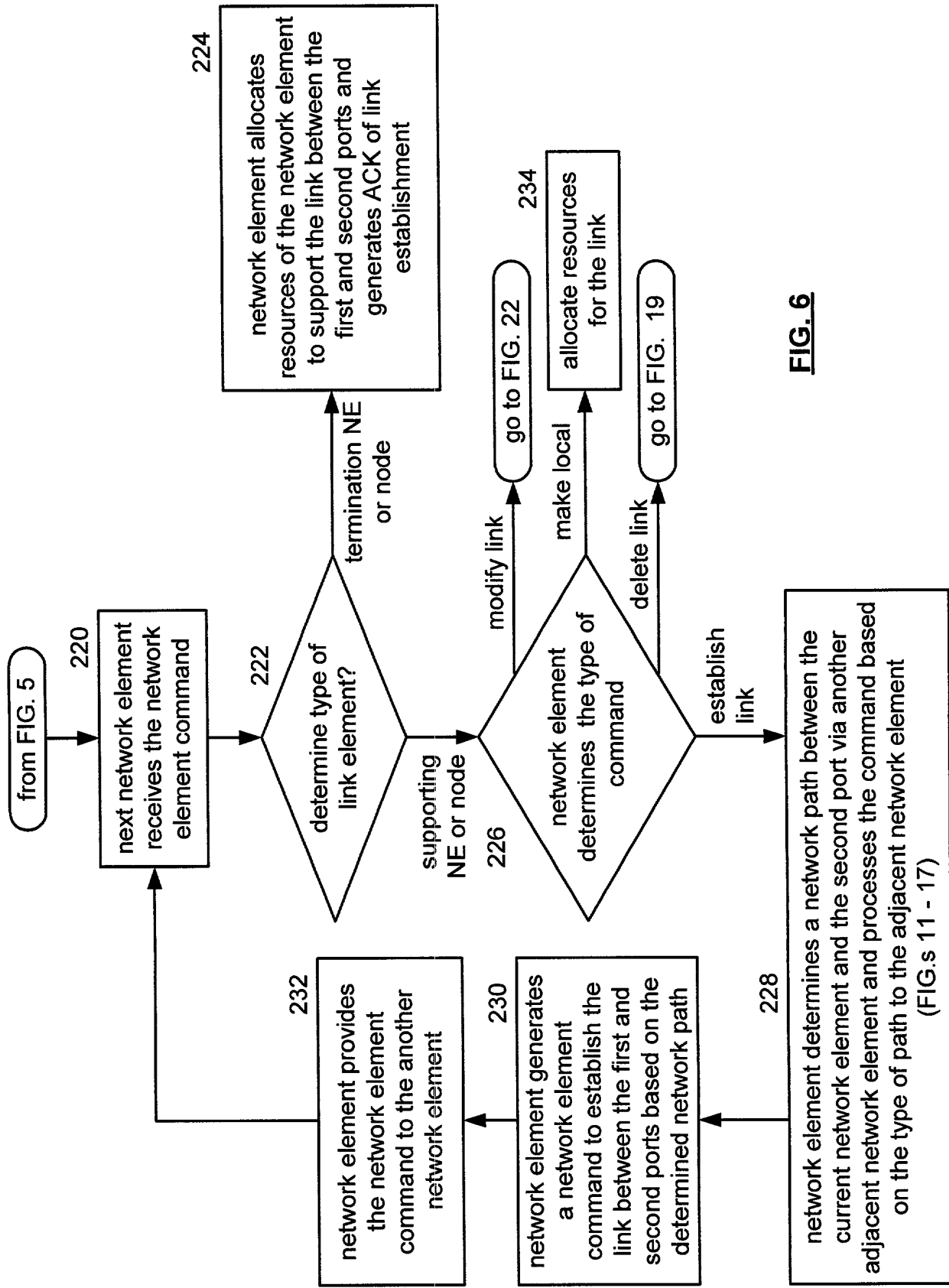
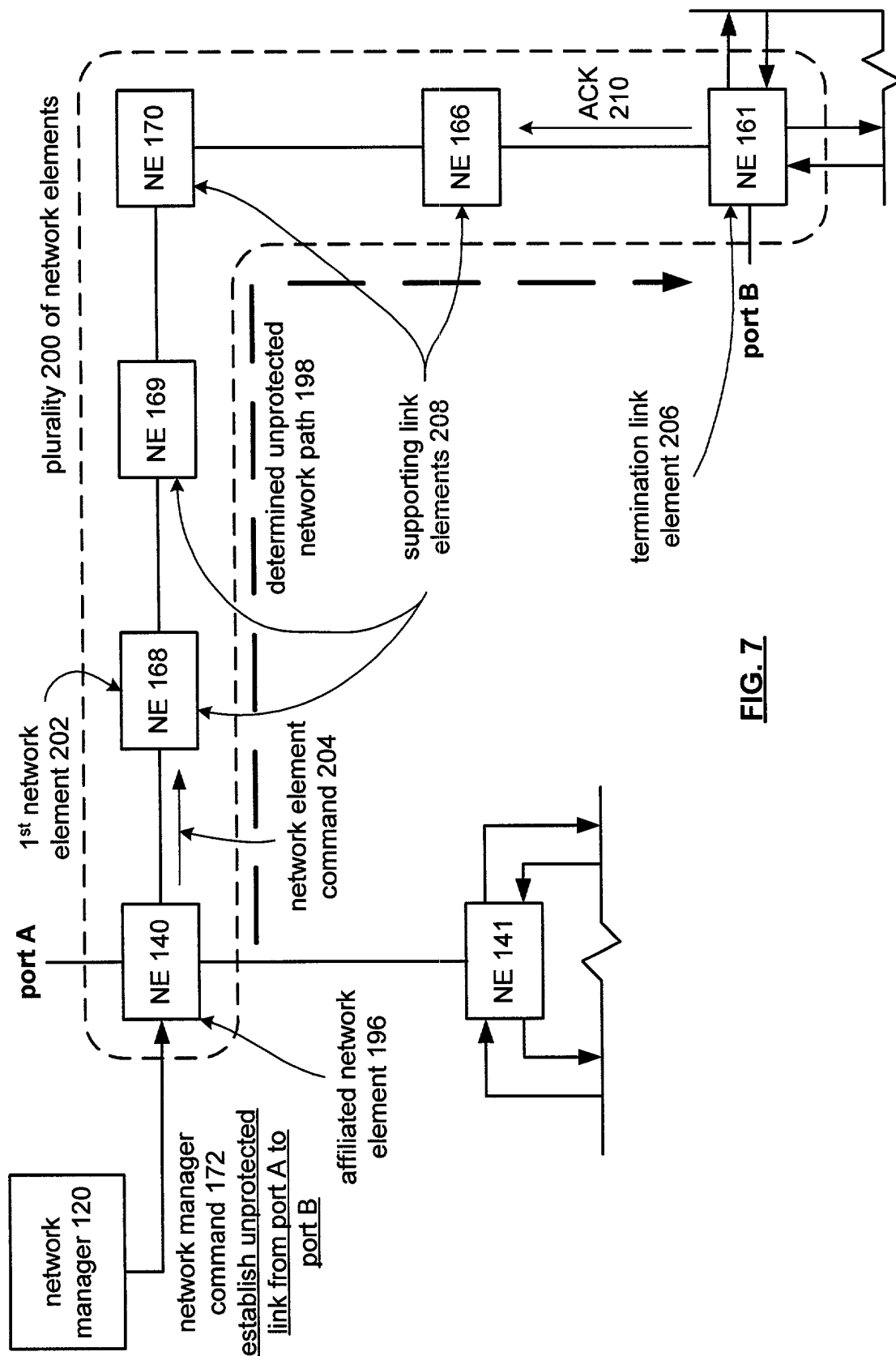


FIG. 6



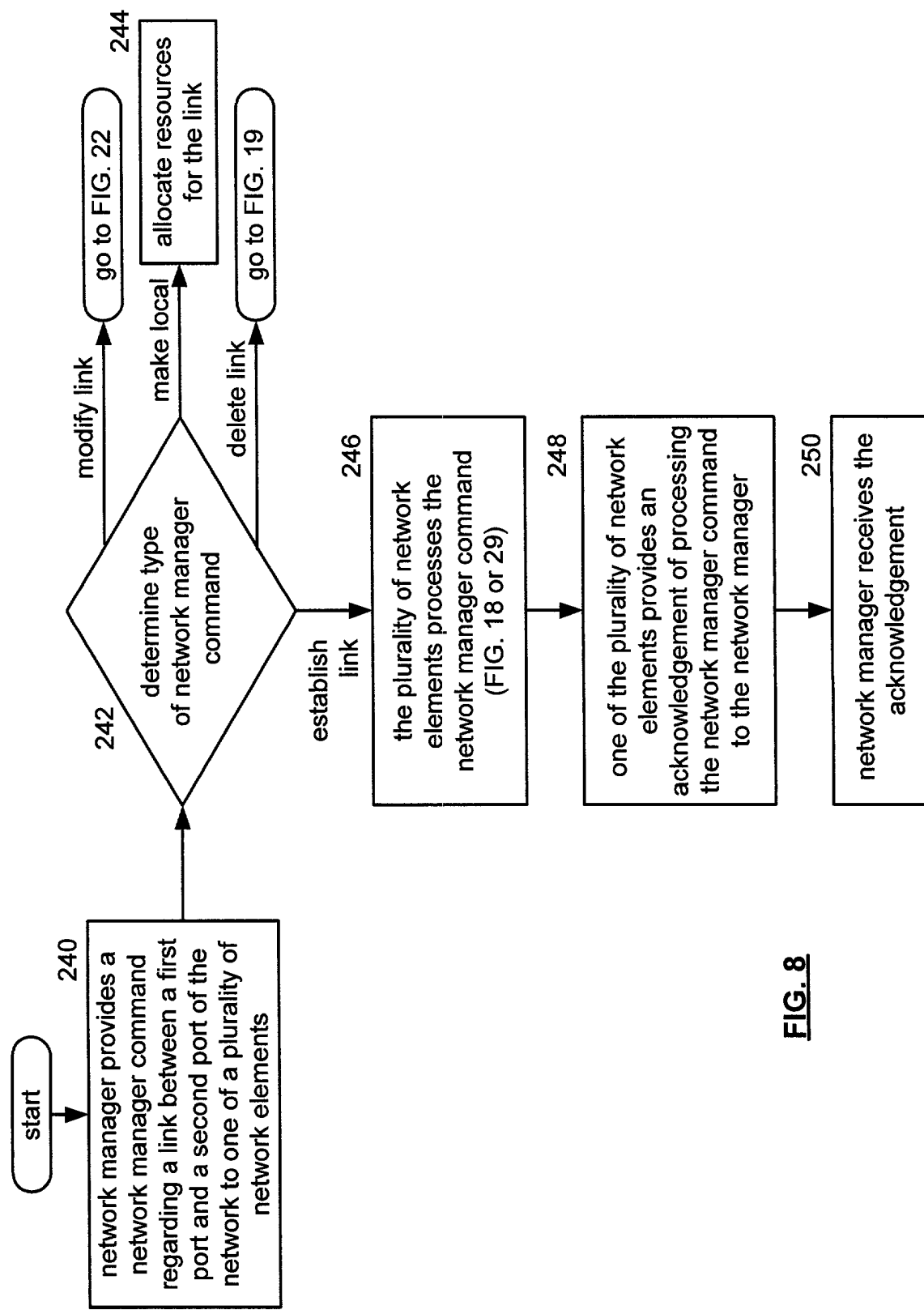


FIG. 8

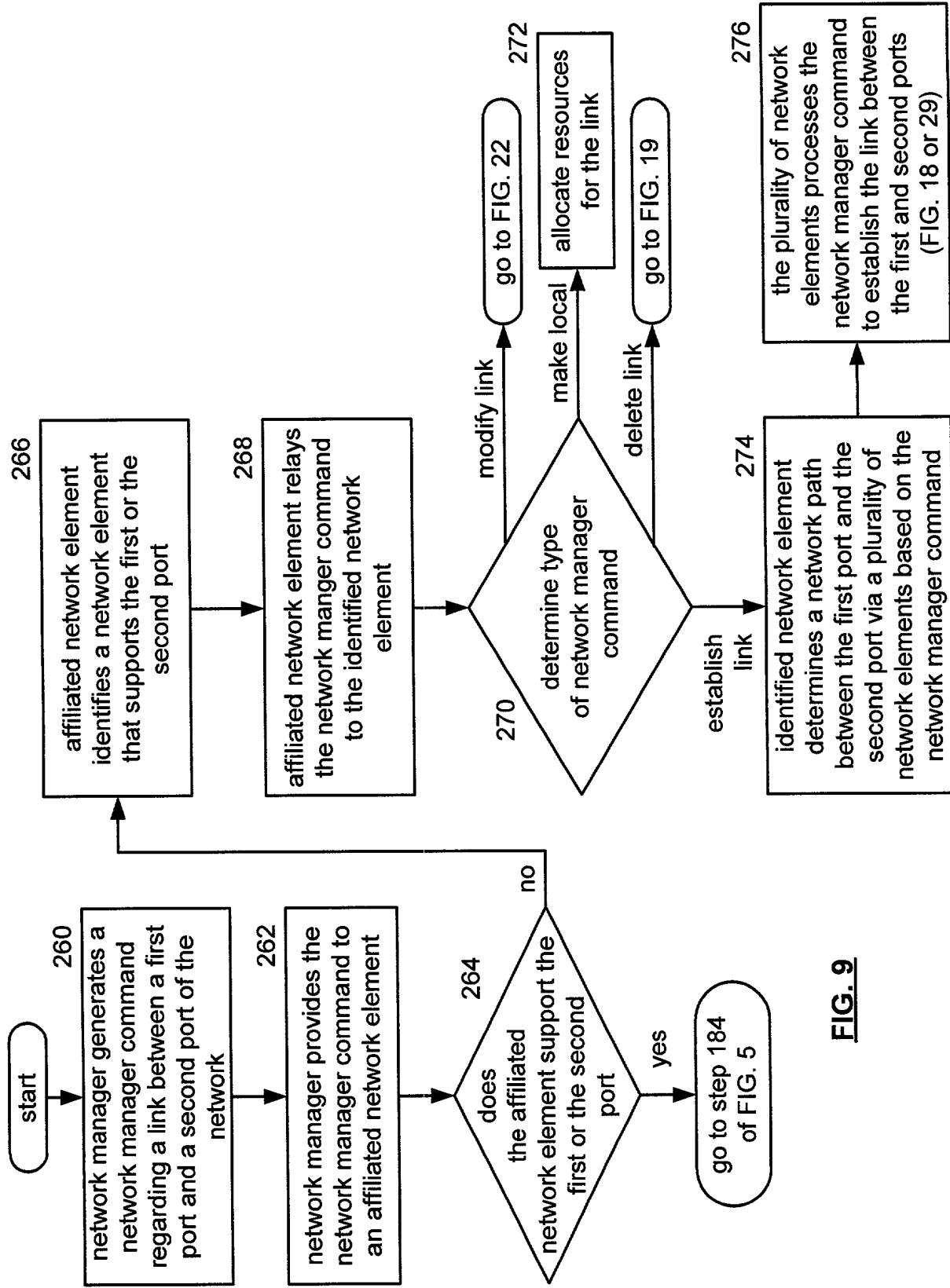


FIG. 9

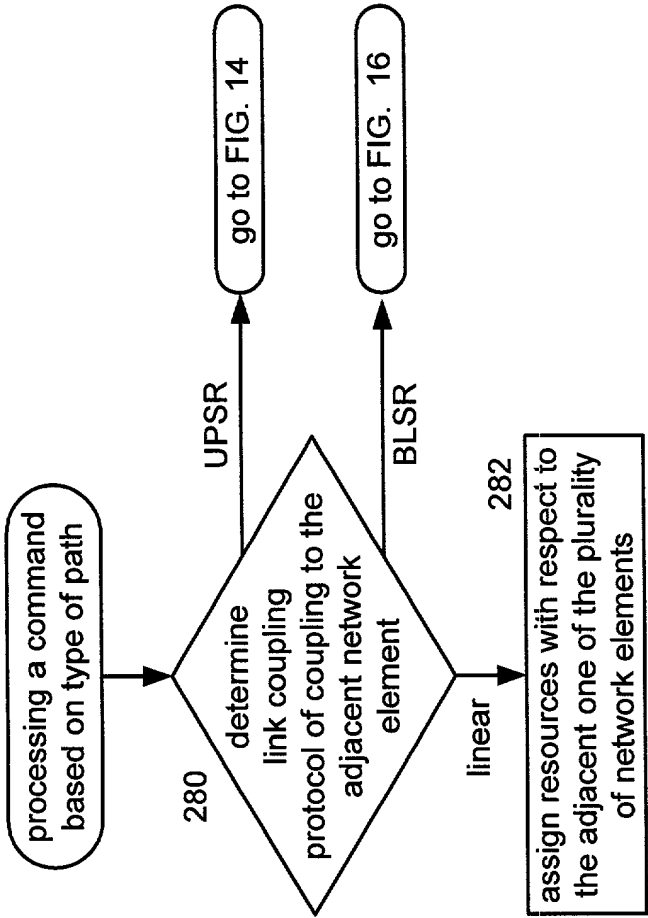
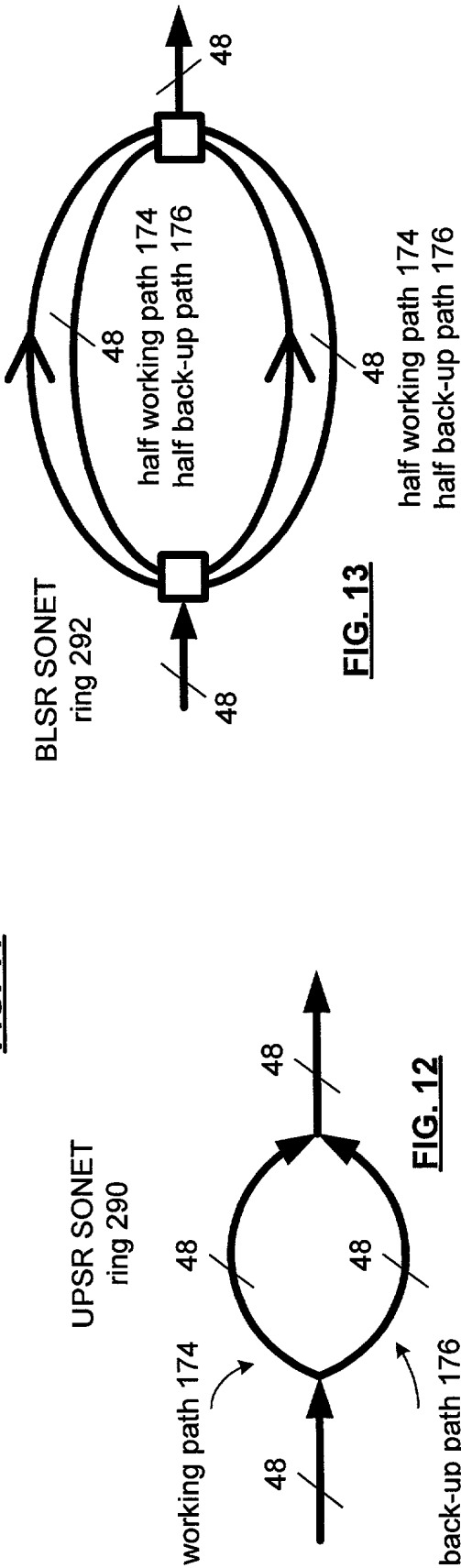


FIG. 11



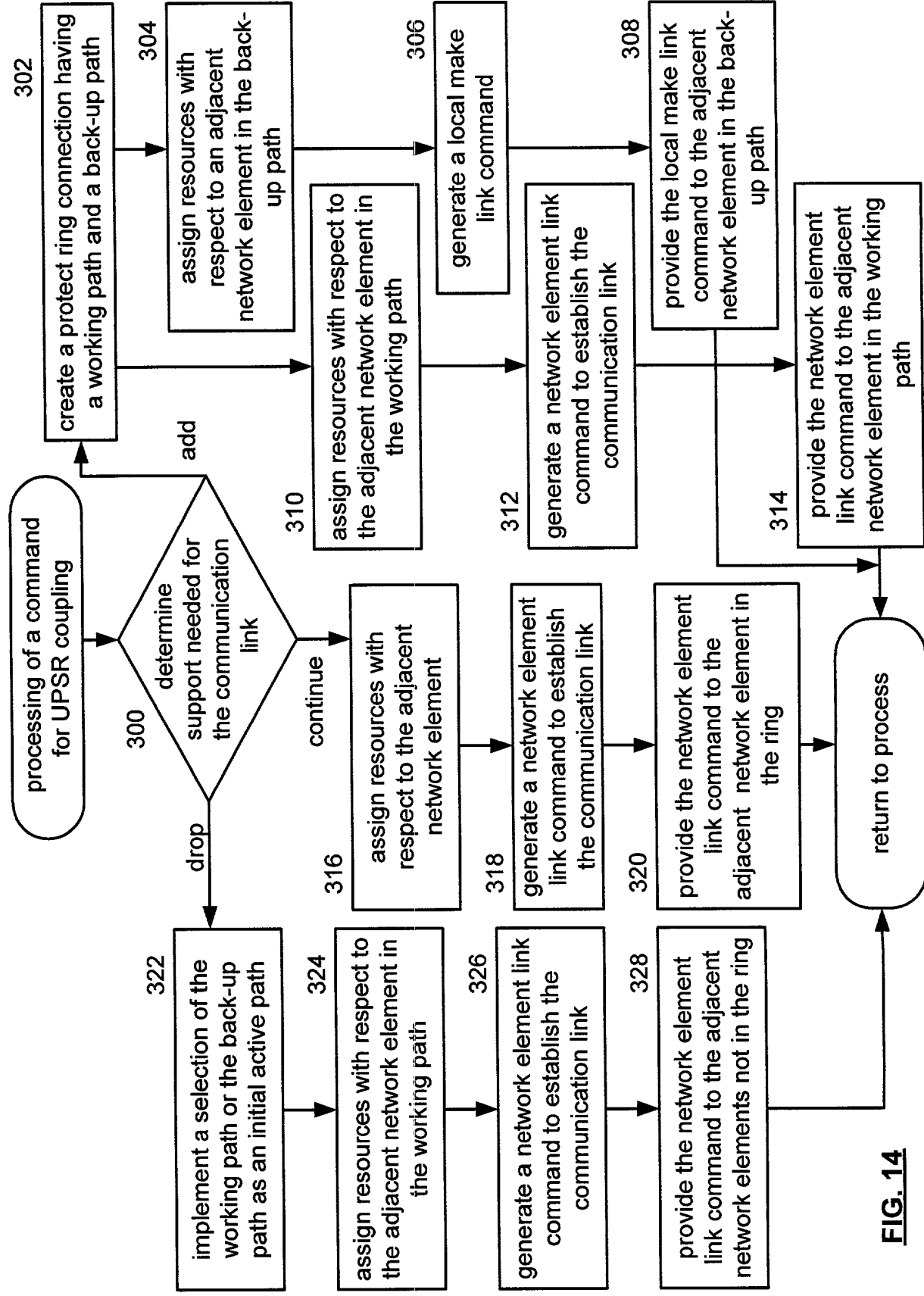


FIG. 14

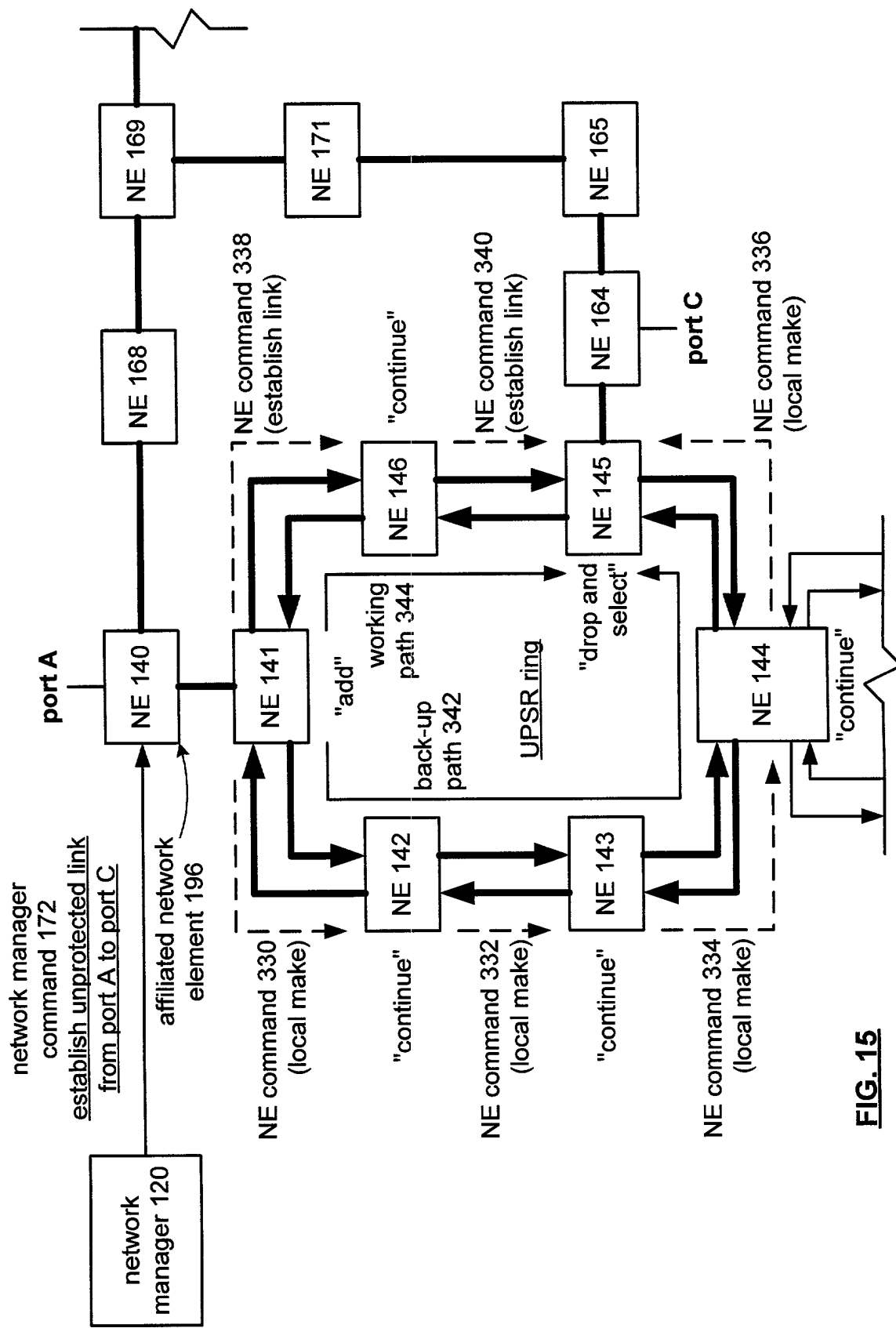
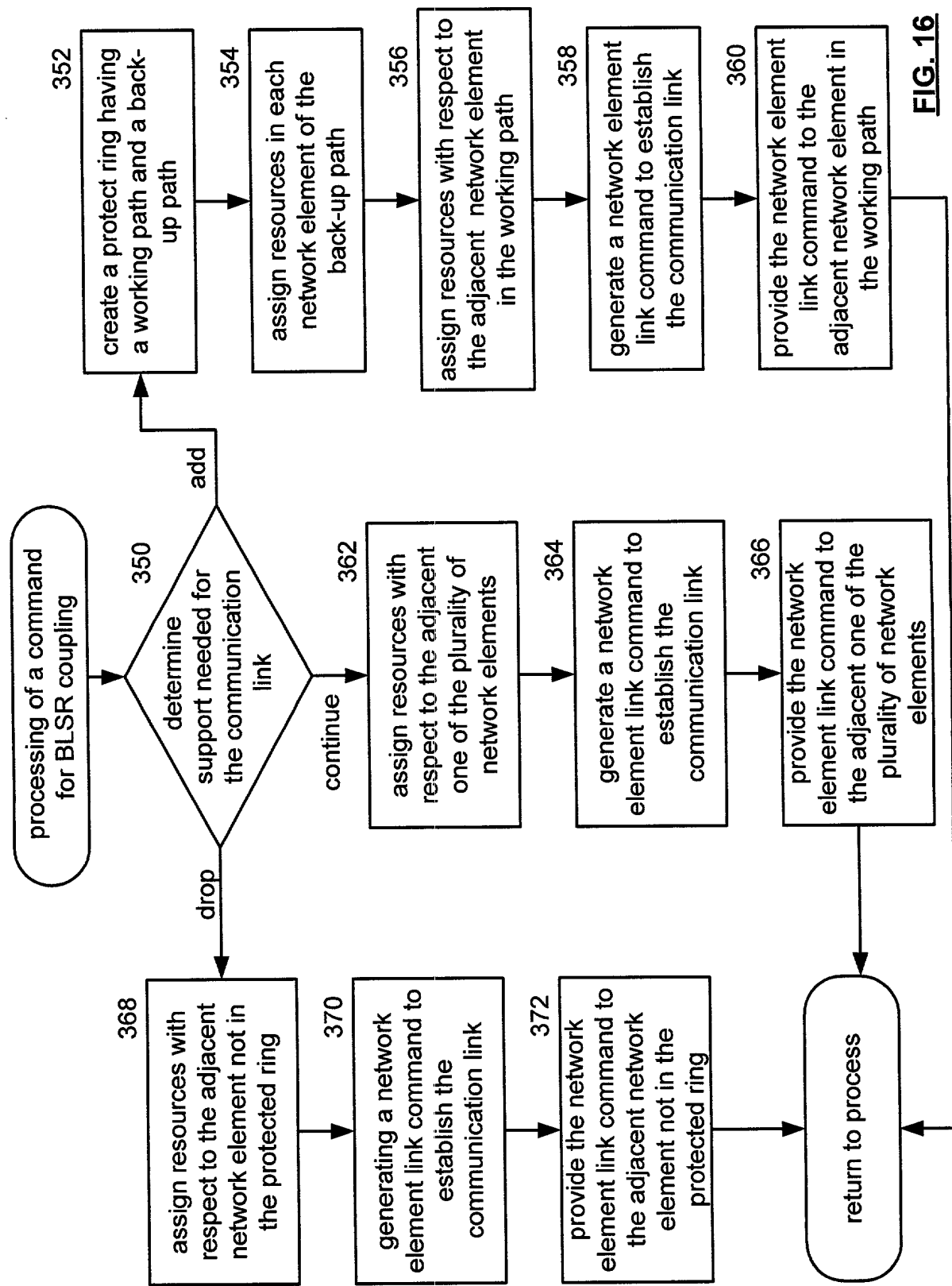


FIG. 15



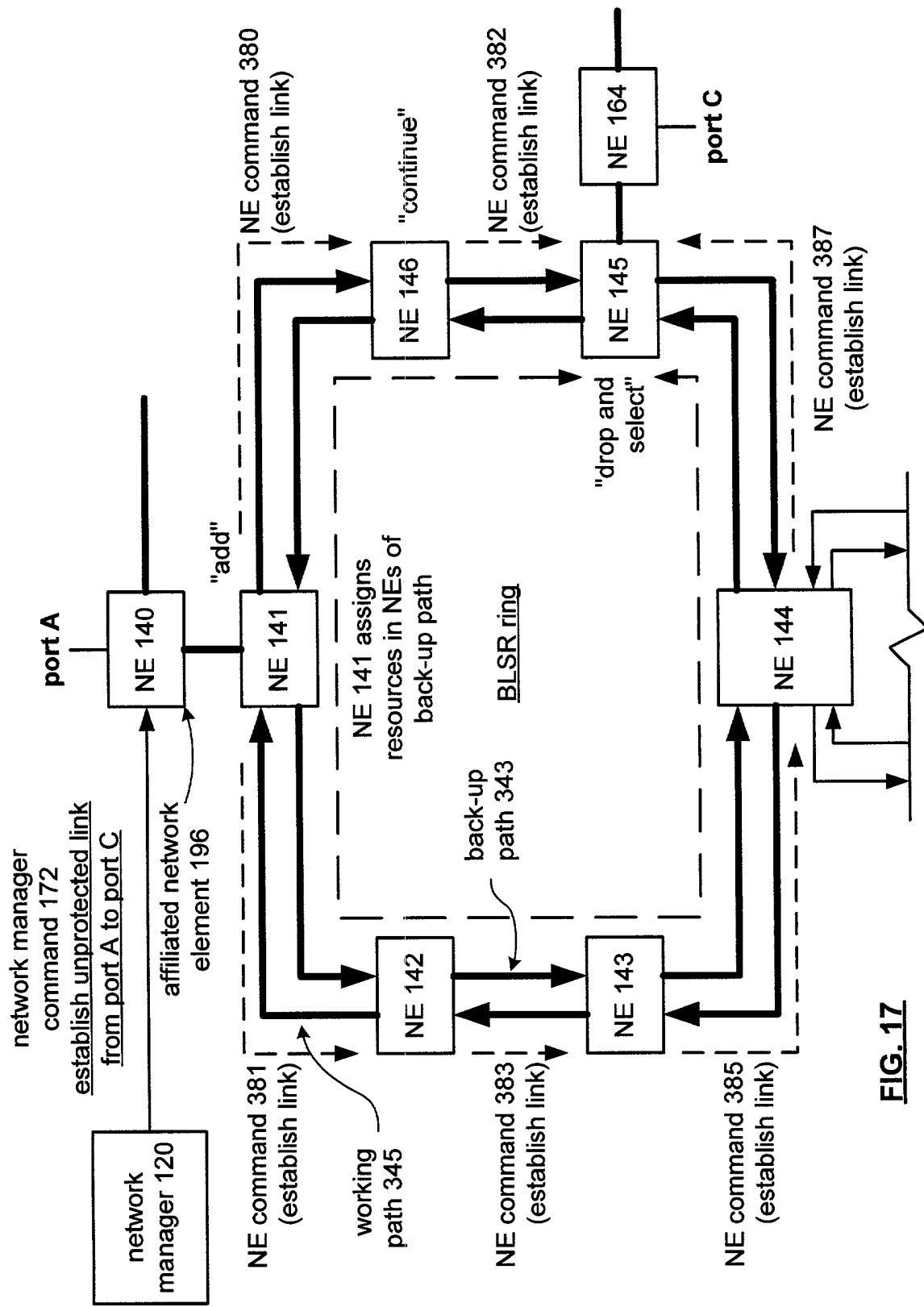


FIG. 17

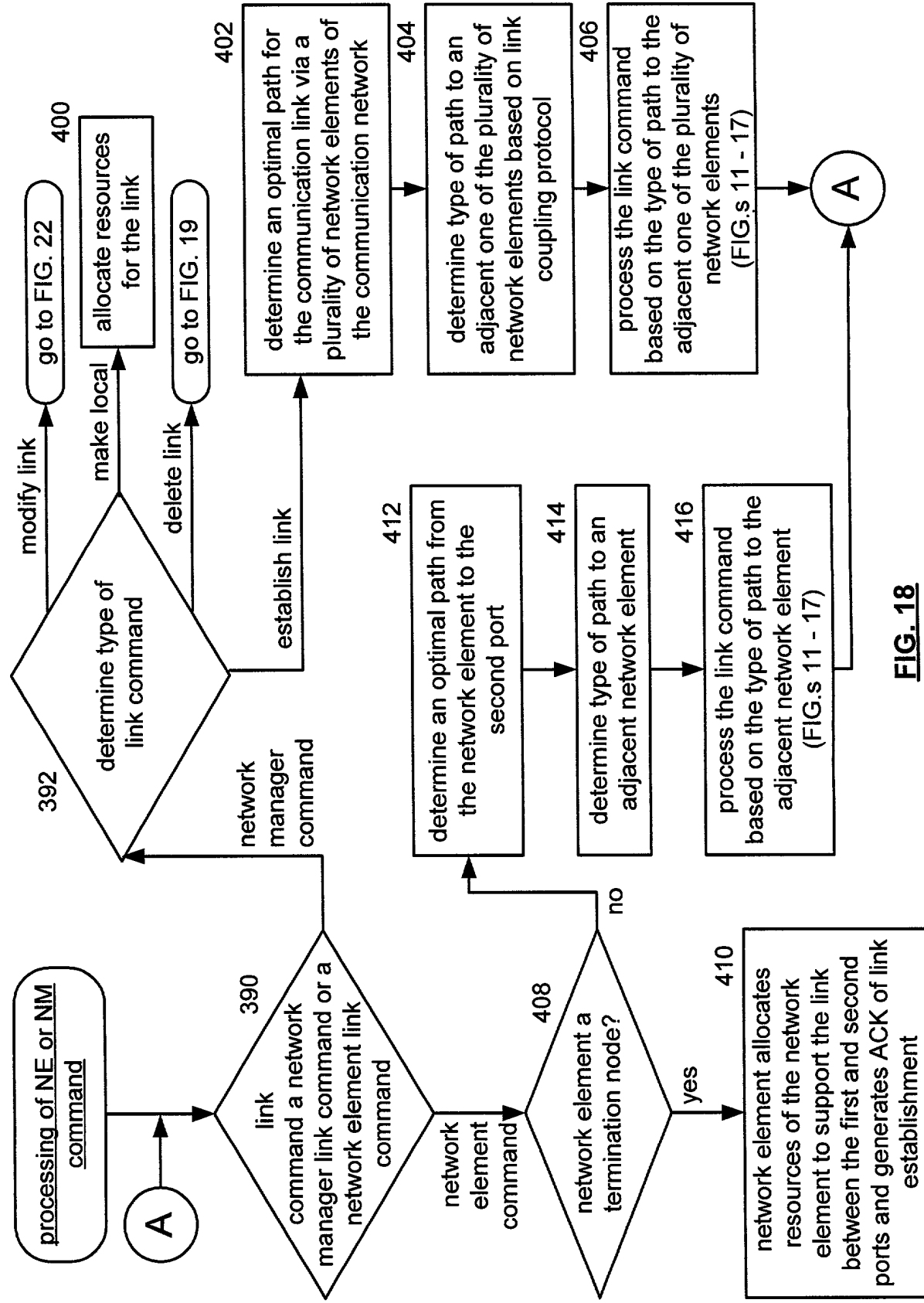


FIG. 18

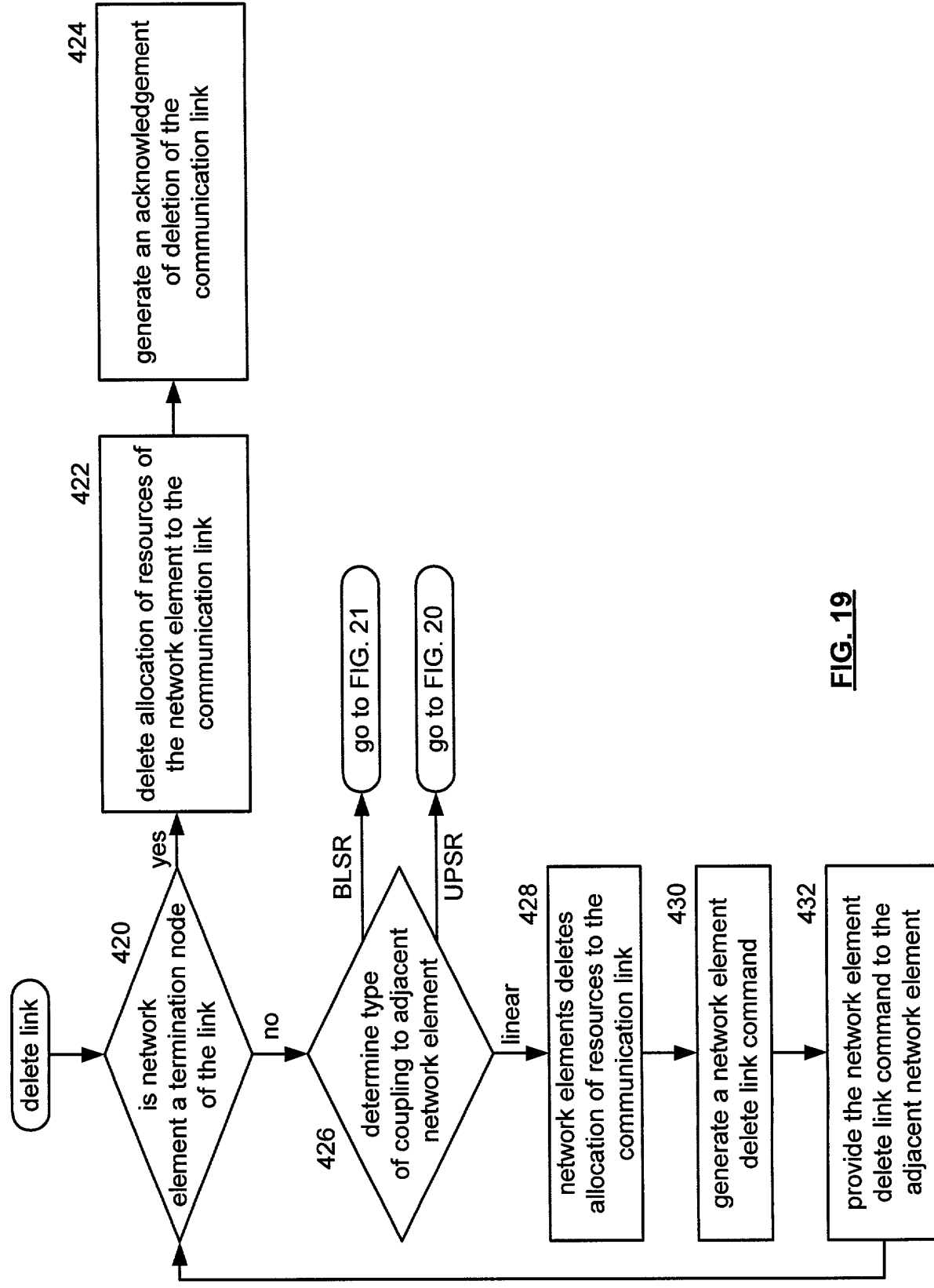
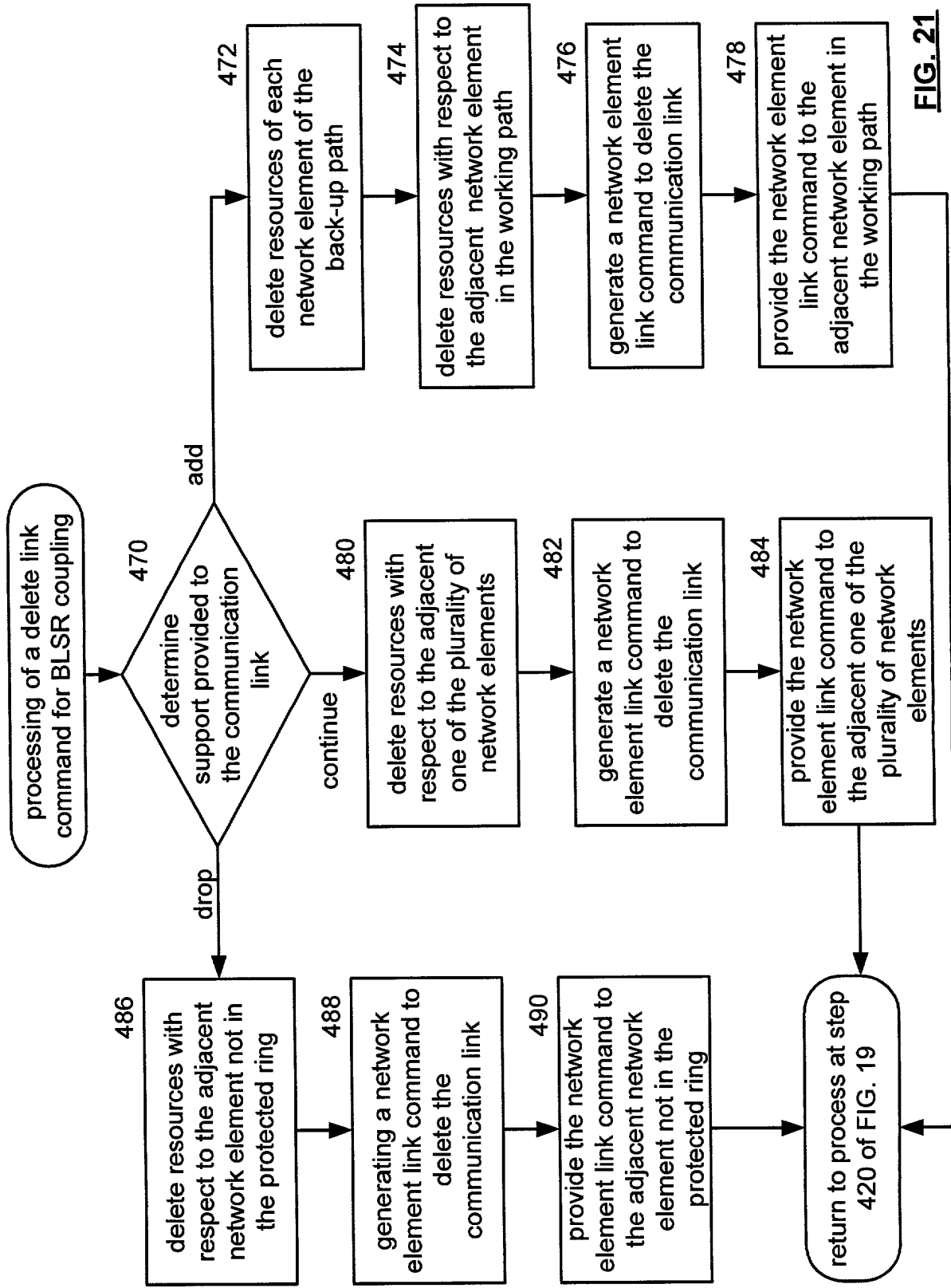


FIG. 19



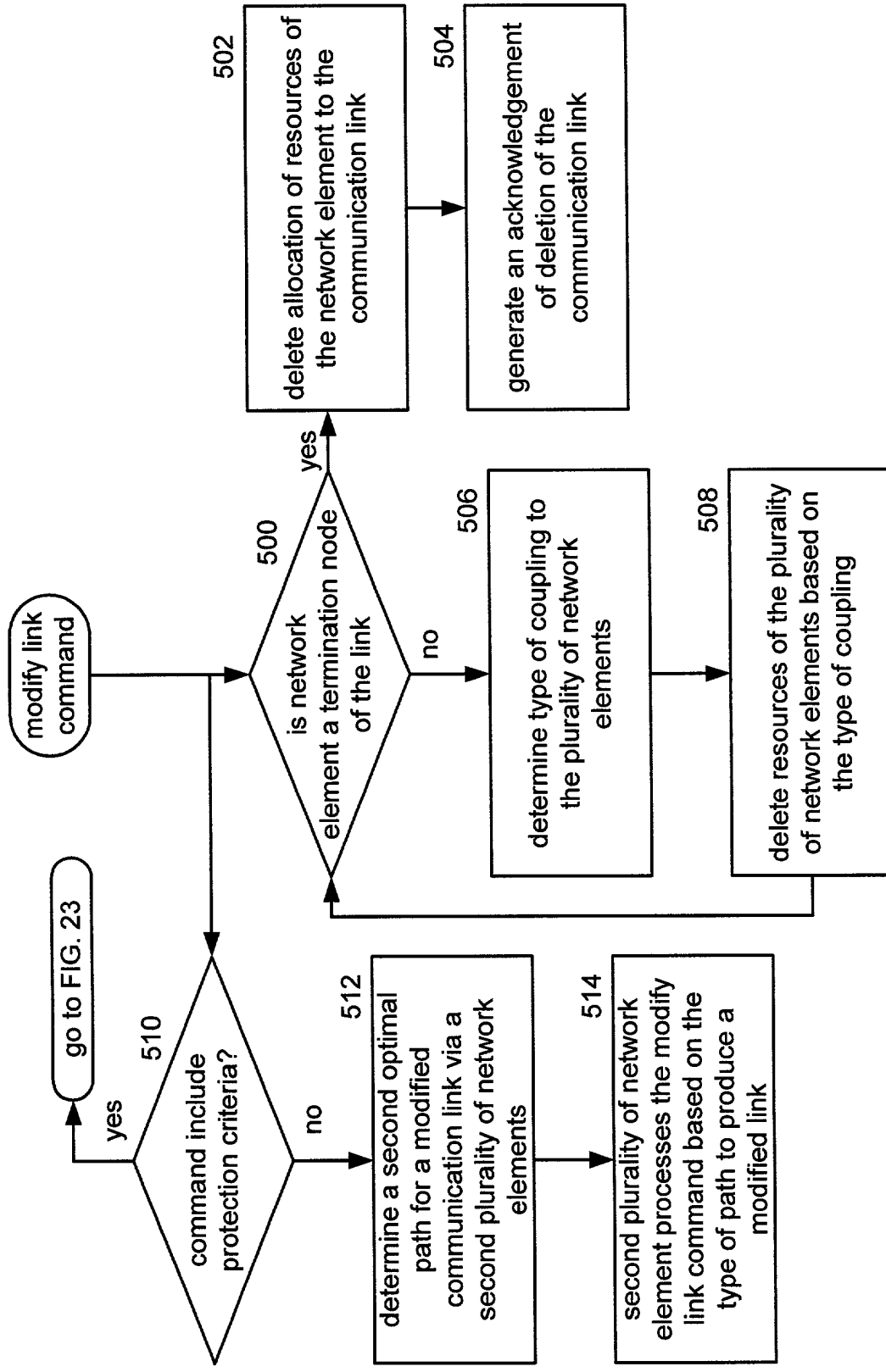


FIG. 22

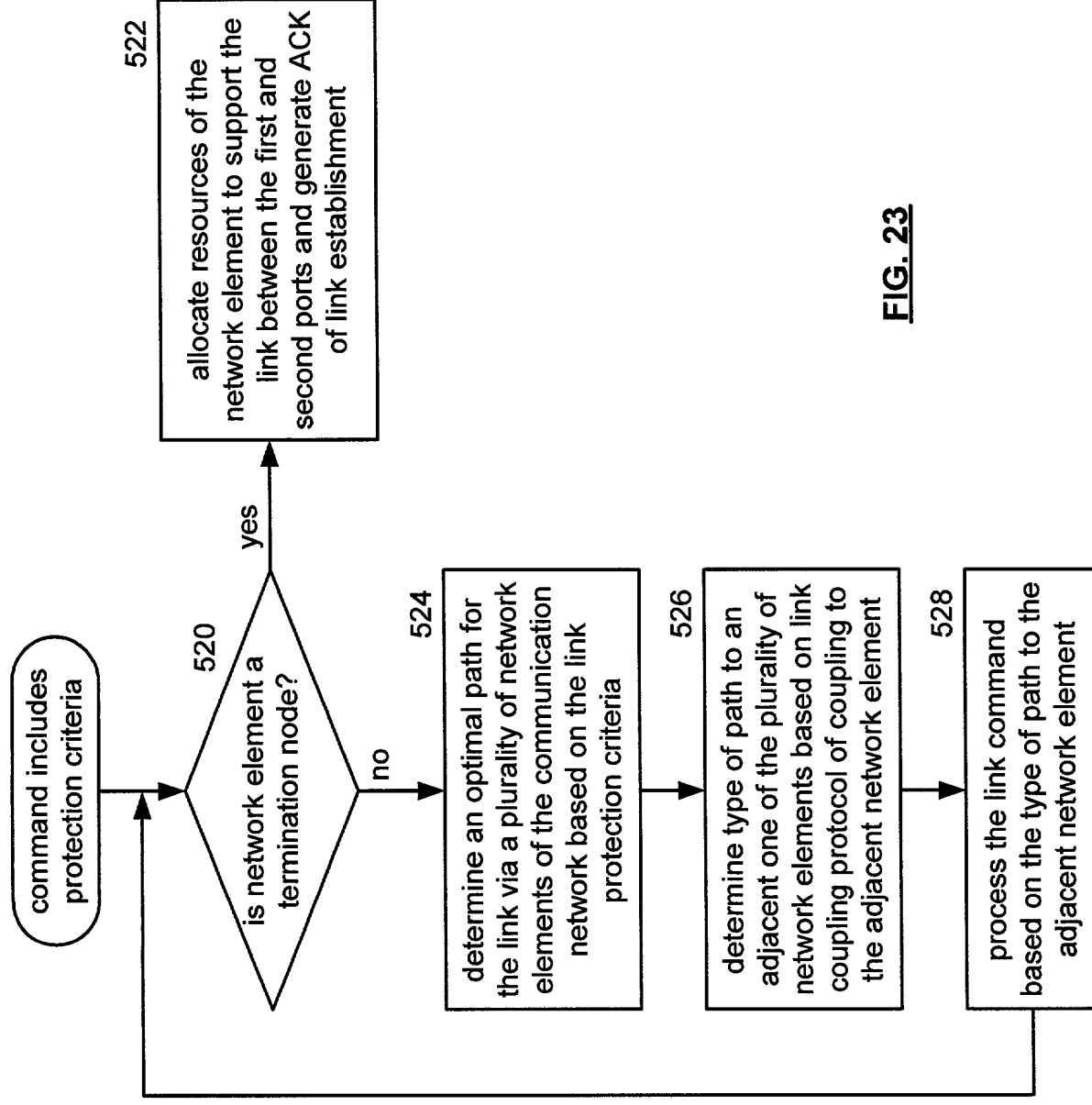


FIG. 23

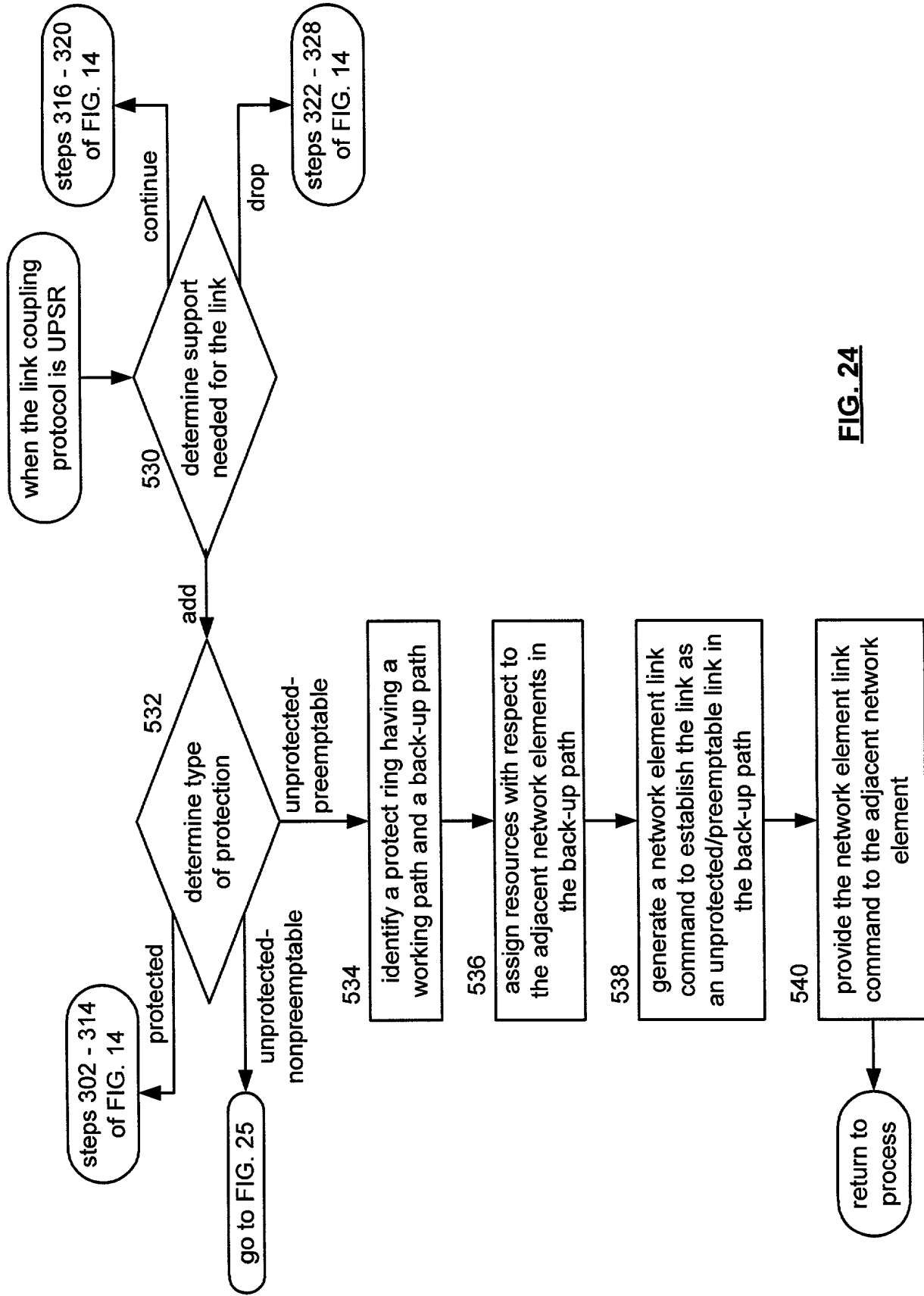
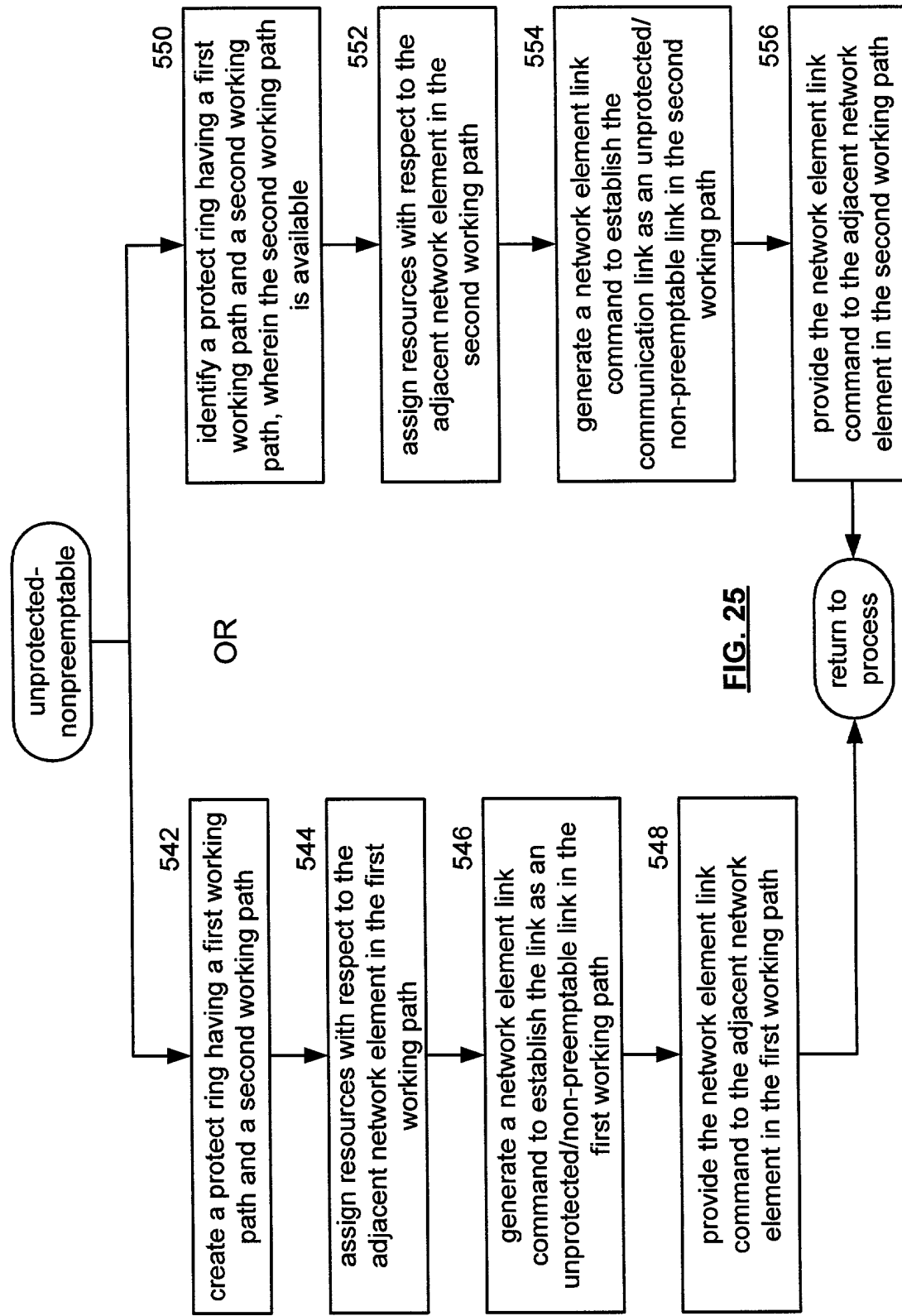


FIG. 24



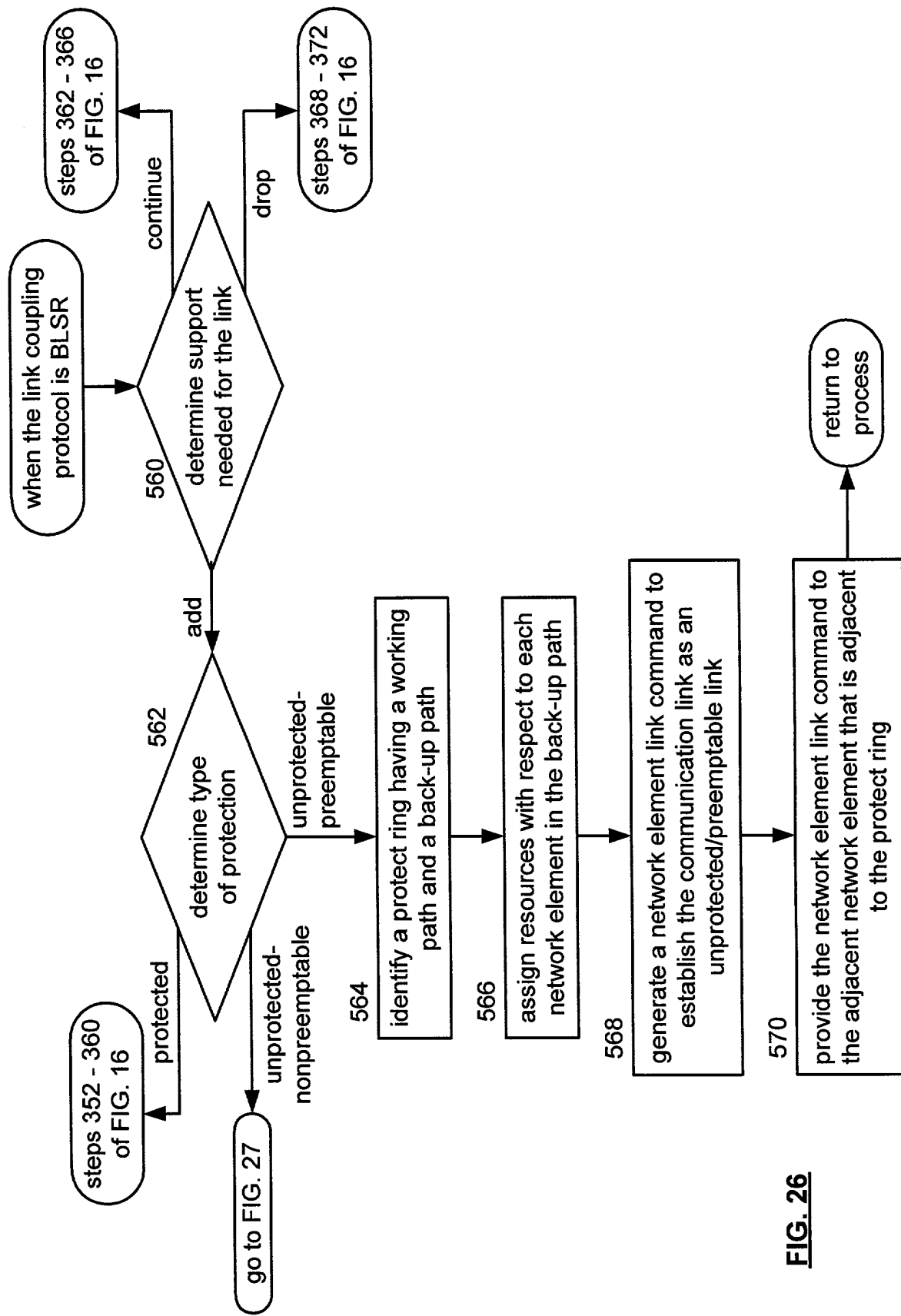


FIG. 26

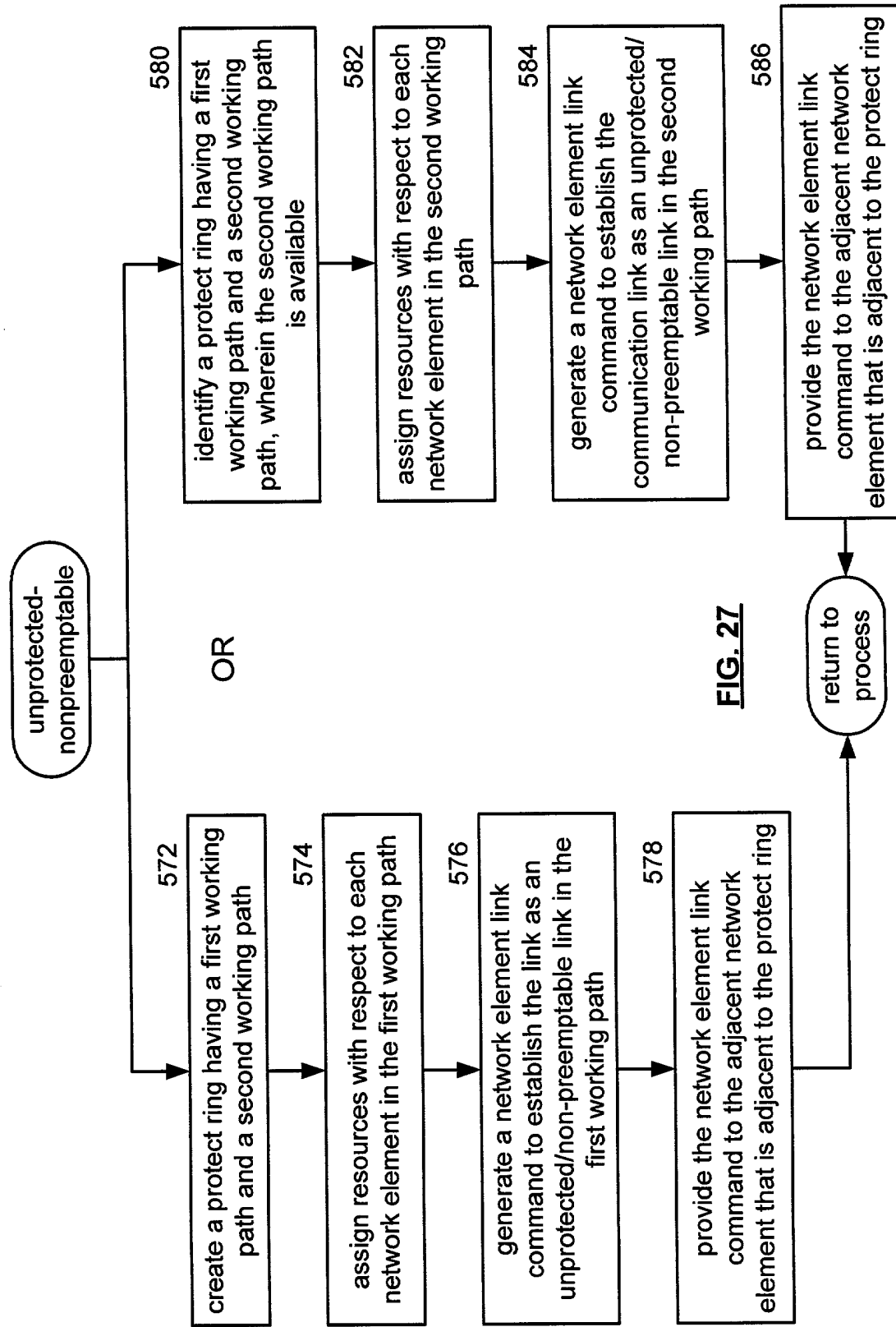


FIG. 27

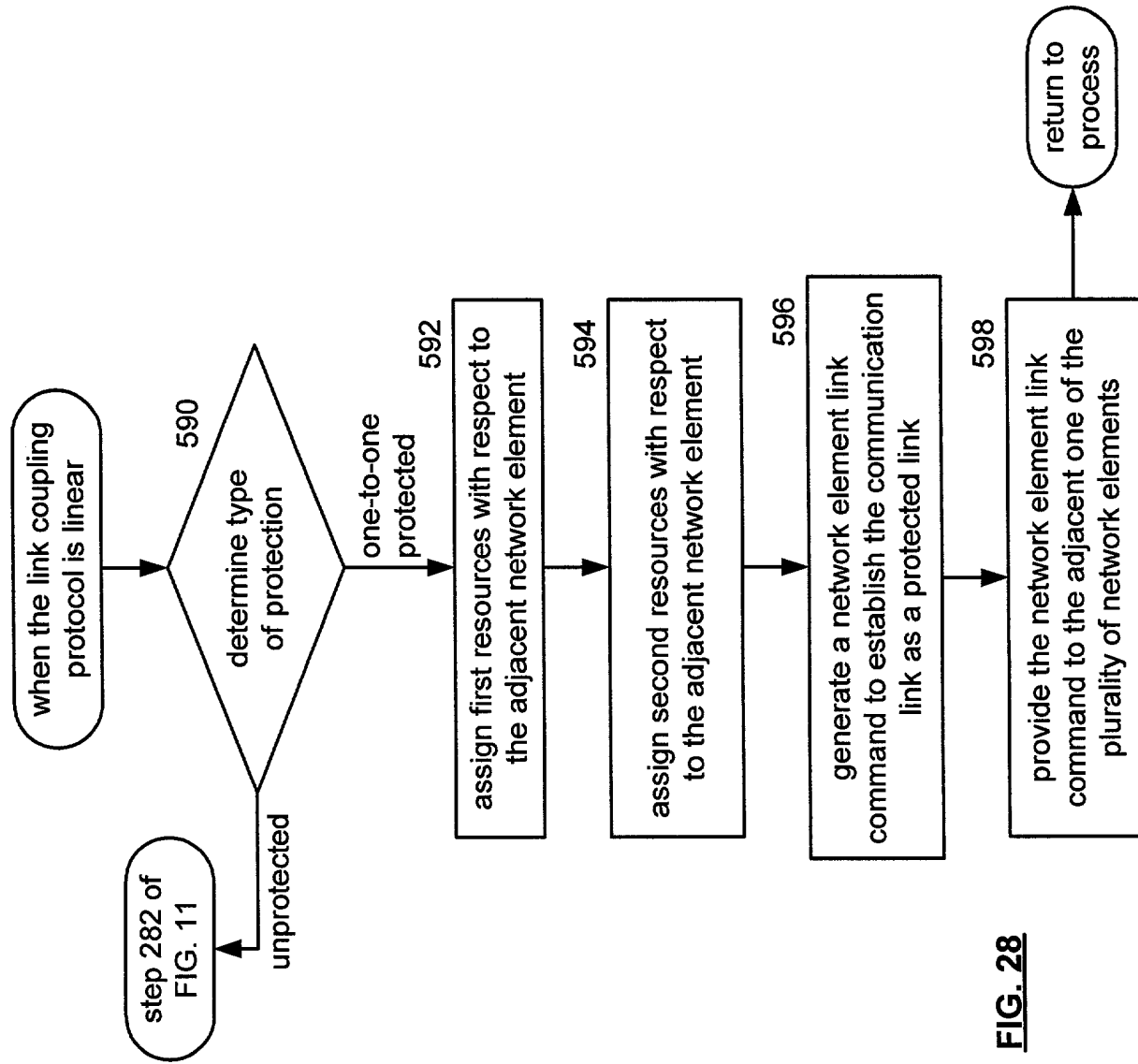


FIG. 28

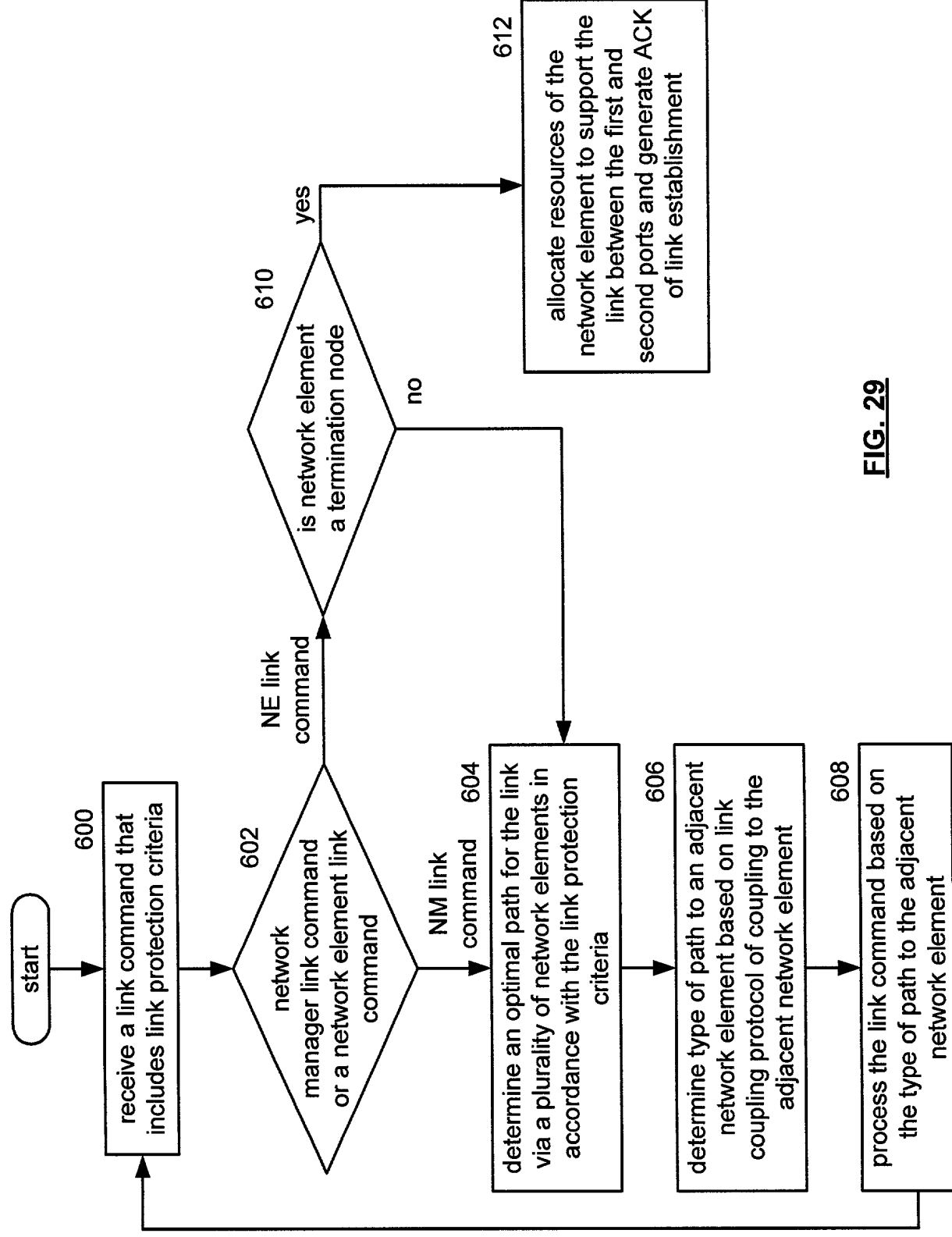


FIG. 29

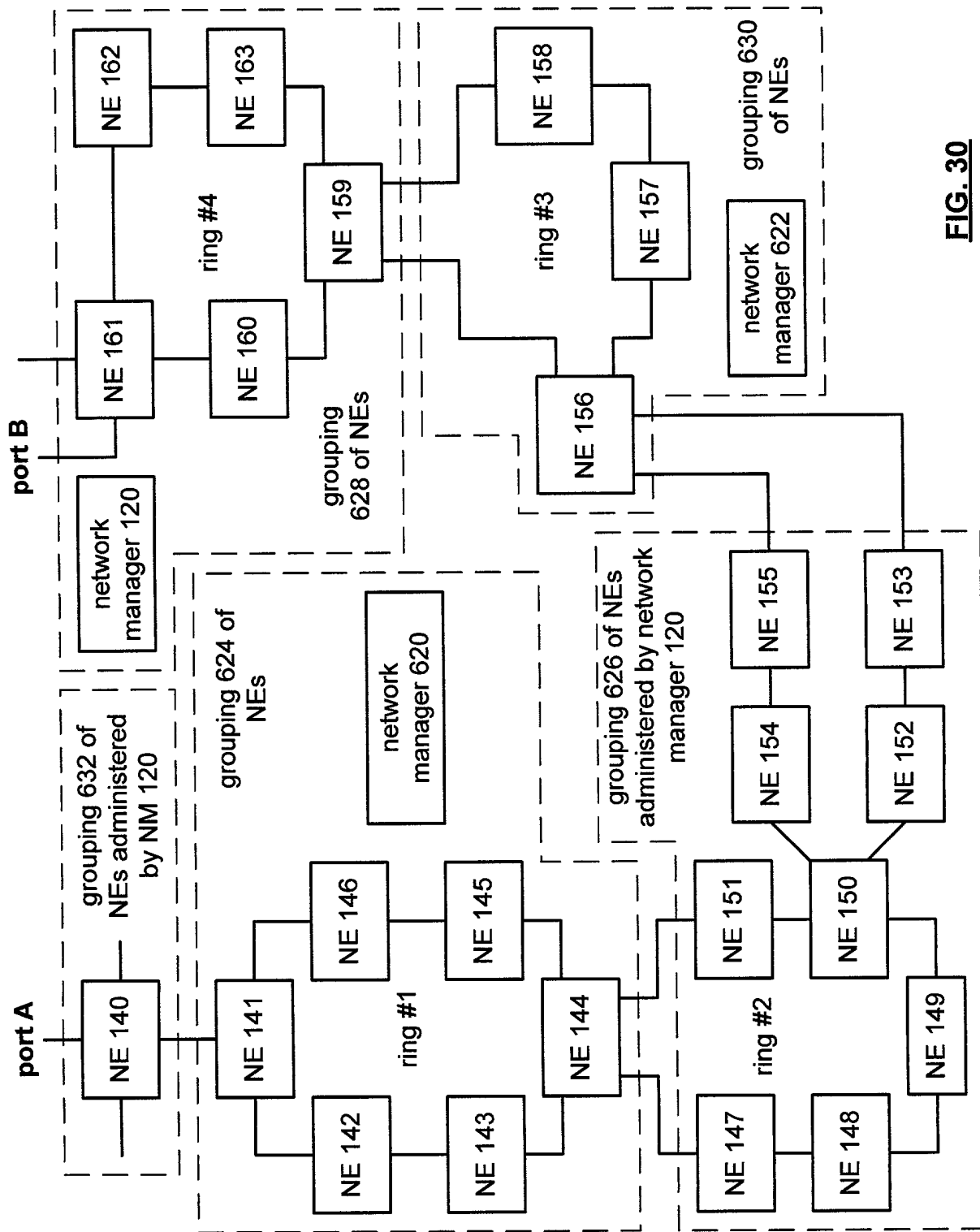


FIG. 30

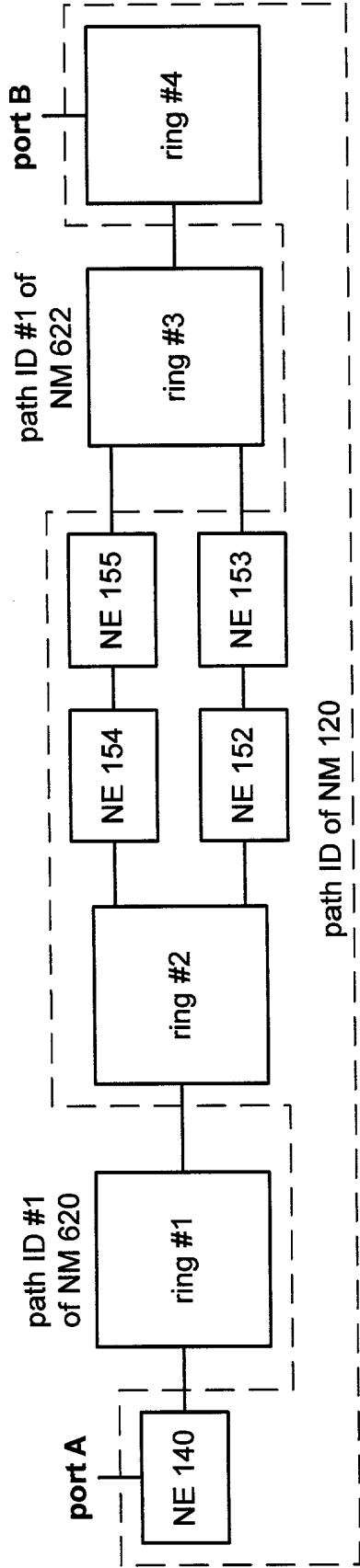


FIG. 31

set of grouping ID	grouping ID	NE ID	SONET link information
set 1 - link A-B (path identifier)	group 1	NE 140	
	group 2	NE 147	
		NE 148	
		NE 149	
		NE 150	
		NE 151	
		NE 152	
		NE 153	
		NE 154	
		NE 155	
	group 3	NE 159	
		NE 160	
		NE 161	
		NE 162	
		NE 163	

FIG. 32

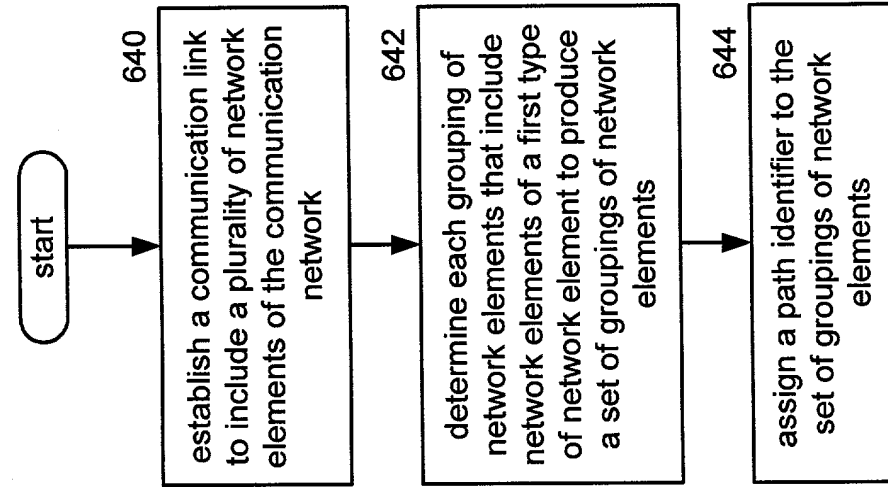


FIG. 33

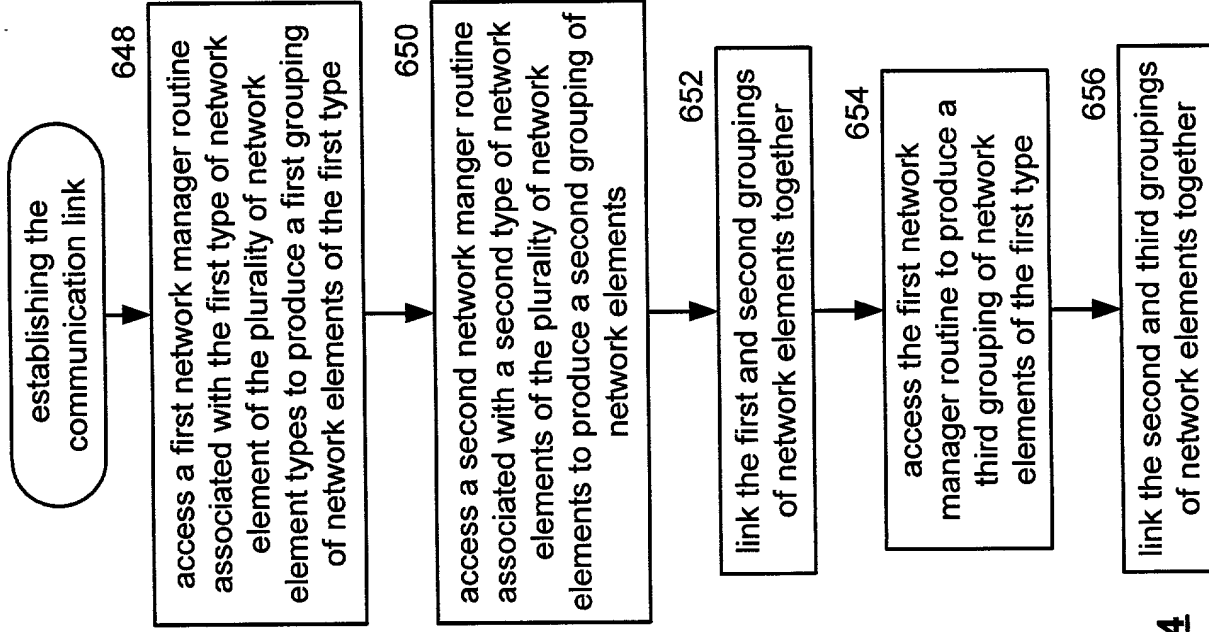


FIG. 34

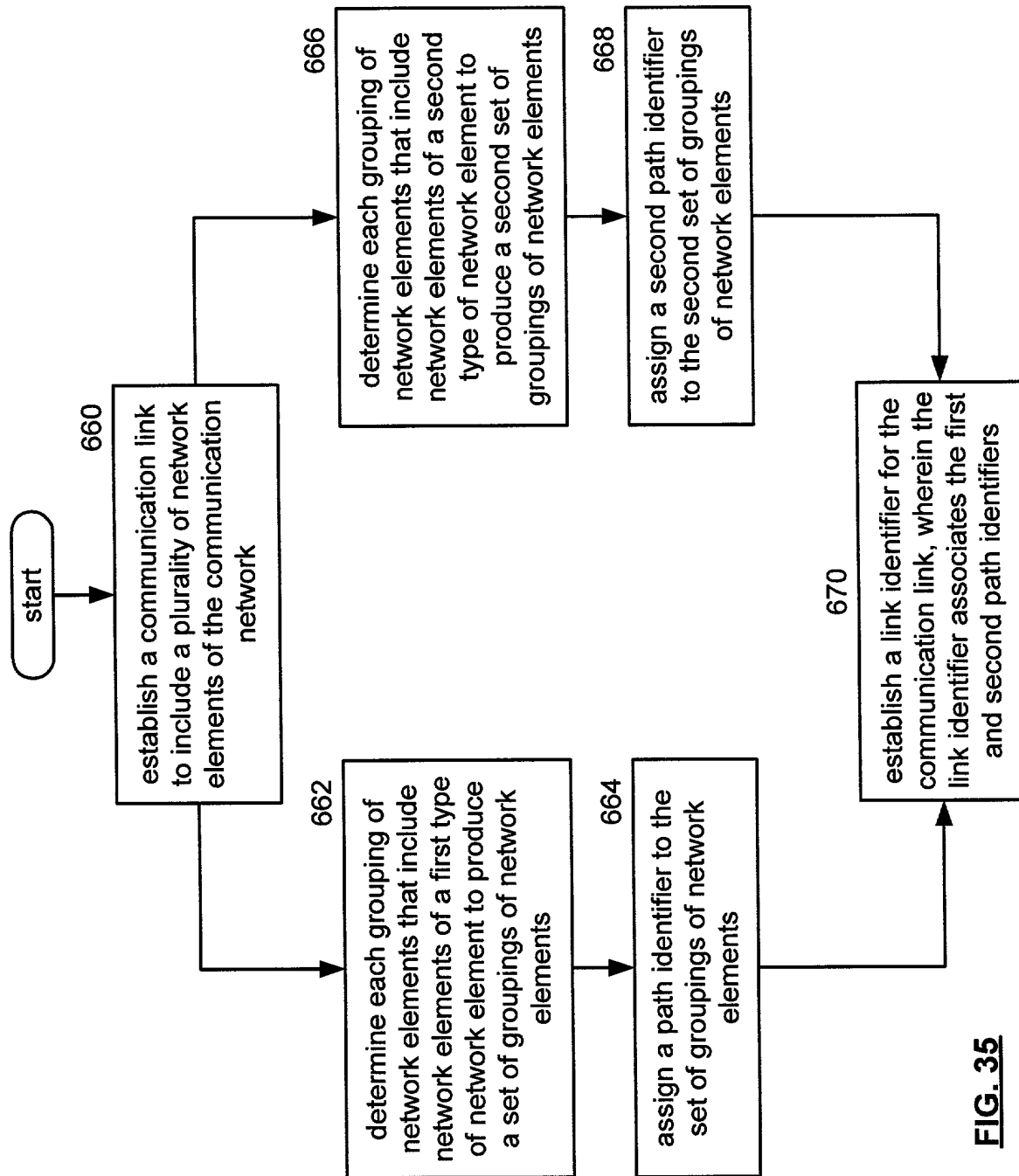


FIG. 35

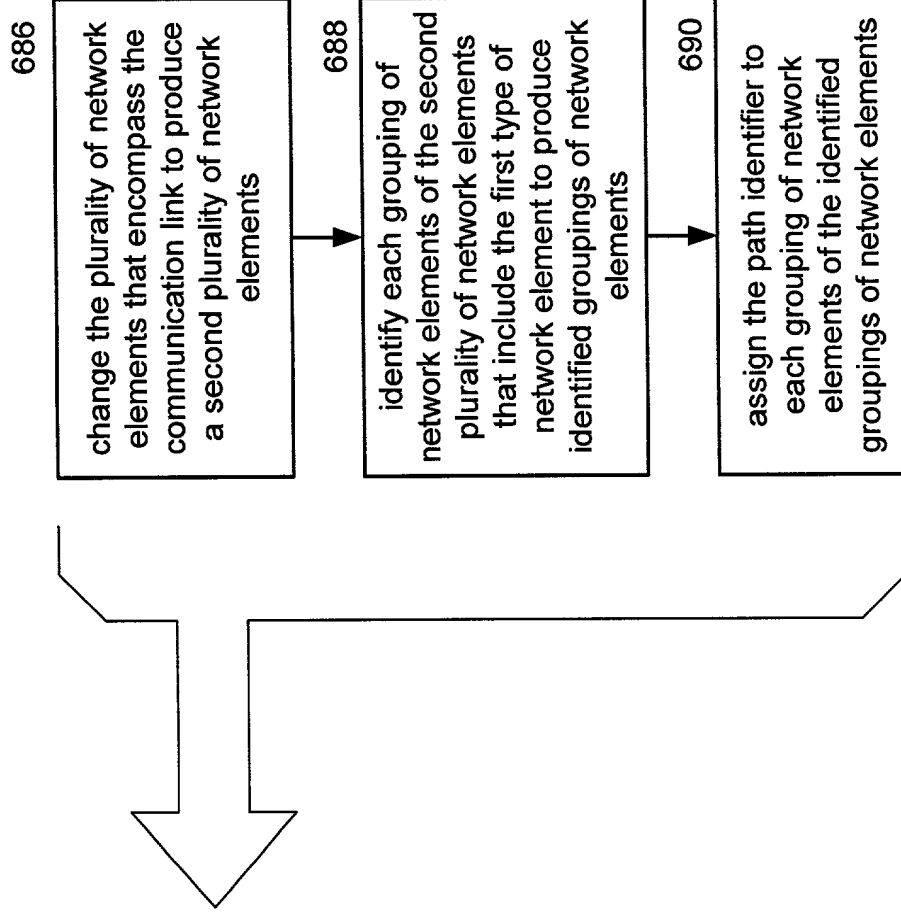
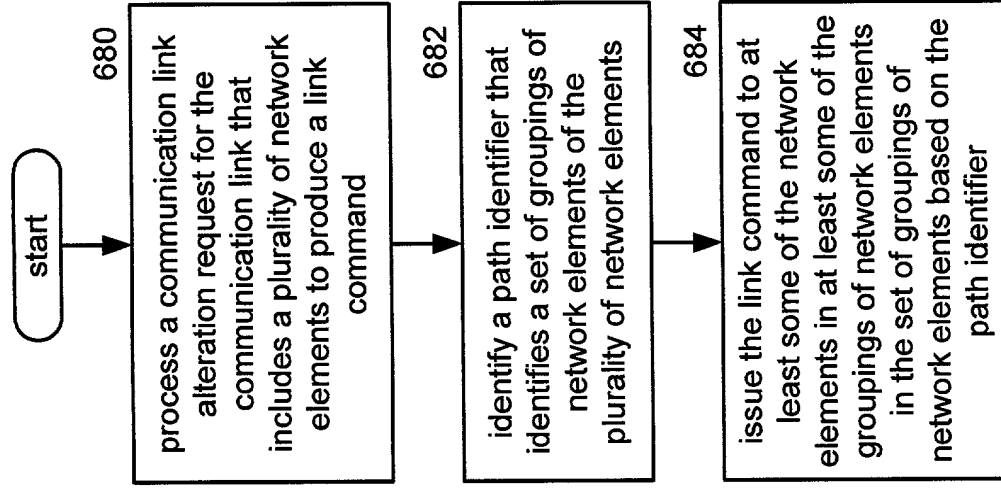


FIG. 36